

Sample Coursework Schedules:

Fall Term

| Rubric | Course Title | Credit Hrs. |
|-------------|---------------------------------|-------------|
| MCB 316 | Genetics and Disease | 4 |
| MCB 493 ECB | Experimental Cell Biology (Lab) | 2 |
| MCB 400 | Cancer Cell Biology | 3 |
| MCB 314 | Introduction to Neurobiology | 3 |
| MCB 436 | Global Biosecurity | 1 |
| | Total Credit Hours | 13 |

Spring Term

| Rubric | Course Title | Credit Hrs. |
|-------------|--|-------------|
| BIOC 320 | Mechanisms of Human Disease | 4 |
| MCB 493 ECB | Experimental Cell Biology (Lab) | 2 |
| MCB 465 | Human Metabolic Disease | 3 |
| MCB 462 | Integrative Neuroscience | 3 |
| BIOC 455 | Techniques in Biochemistry & Biotechnology (Lab) | 2 |
| | Total Credit Hours | 15 |

Fall Term

| Rubric | Course Title | Credit Hrs. |
|---------|---------------------------------|-------------|
| MCB 300 | Microbiology | 3 |
| MCB 301 | Experimental Microbiology (Lab) | 3 |
| MCB 354 | Biochemistry | 3 |
| MCB 428 | Microbial Pathogens (Lab) | 2 |
| MCB 426 | Bacterial Pathogenesis | 3 |
| MCB 290 | Undergraduate Research | 1 or 2* |
| | Total Credit Hours | 14-16 |

*2 credit hours of MCB 290 is equivalent to 10 hours in the lab per week for the full semester.

Spring Term

| Rubric | Course Title | Credit Hrs. |
|-------------|--|-------------|
| BIOC 455 | Techniques in Biochemistry & Biotechnology (Lab) | 4 |
| MCB 493 ECB | Experimental Cell Biology (Lab) | 2 |
| MCB 406 | Gene Expression and Regulation | 3 |
| MCB 462 | Integrative Neuroscience | 3 |
| MCB 480 | Eukaryotic Cell Signaling | 2 |
| MCB 290 | Undergraduate Research | 1 or 2* |
| | Total Credit Hours | 14-16 |

*2 credit hours of MCB 290 is equivalent to 10 hours in the lab per week for the full semester.